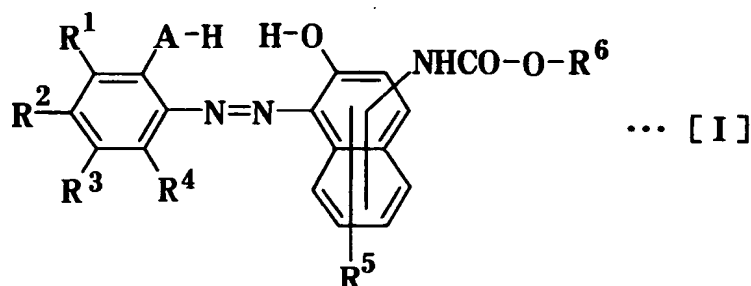


What is claimed is:

1. A charge control agent comprising:
a monoazo metals-compound including a monoazo compound
5 represented by the following formula [I]



in the formula [I], R¹-, R²-, R³- and R⁴- are same or different to each other, and one thereof is selected from the groups consisting of a hydrogen atom, an alkyl group of a straight chain or a branch chain
10 having 1 to 18 carbon atoms, an alkenyl group of a straight chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have substitutional groups, a sulfonamide group which is to substitute alkyl groups, a mesyl group, a hydroxyl group, an alkoxyl group having 1 to 18 carbon atoms, an acetylamino group, a benzoylamino group, a halogen
15 atom, a nitro group and -COO-R⁷ of which -R⁷ is a hydrogen atom or an alkyl group,

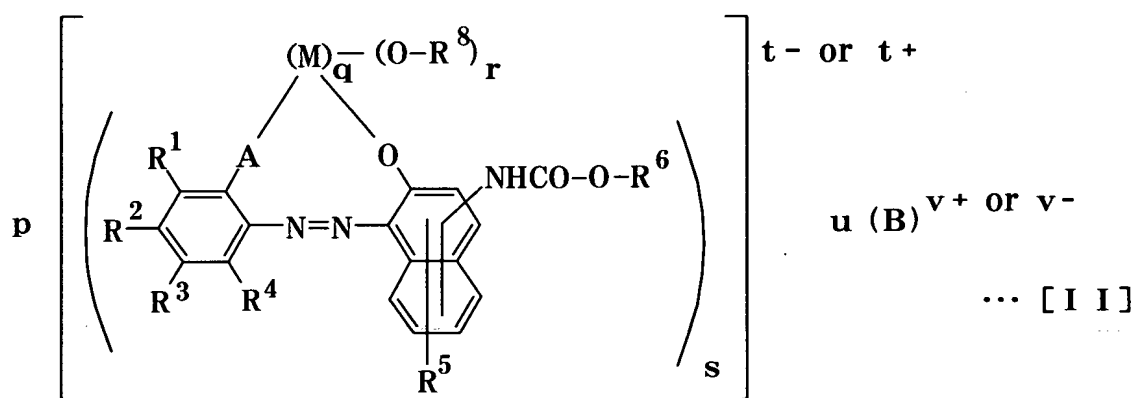
-A- is -O- or -COO-,

-R⁵ is a hydrogen atom, an alkyl group of a straight chain or a branch chain having 1 to 18 carbon atoms, an alkenyl group of a straight
20 chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have a few substitutional groups, an aralkyl group being to have

substitutional groups, a sulfonamide group, a mesyl group, a hydroxyl group, an alkoxyl group having 1 to 18 carbon atoms, a carboxyl group or a sulfone group,

-R⁶ is a hydrogen atom, an alkyl group of a straight chain or a branch chain having 1 to 18 carbon atoms, an alkenyl group of a straight chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have substitutional groups, an aralkyl group being to have substitutional groups or an alkoxyl group having 1 to 18 carbon atoms; and metals of a metallic element or a metalloid coordinating to the monoazo compound.

2. The charge control agent according to claim 1, wherein said monoazo metals-compound is represented by the following formula [II]



15 in the formula [II], R¹-, R²-, R³- and R⁴- are same or different to each other, and one thereof is selected from the groups consisting of a hydrogen atom, an alkyl group of a straight chain or a branch chain having 1 to 18 carbon atoms, an alkenyl group of a straight chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have

substitutional groups, a sulfonamide group being to substitute alkyl groups, a mesyl group, a hydroxyl group, an alkoxyl group having 1 to 18 carbon atoms, an acetylamino group, a benzoylamino group, a halogen atom, a nitro group and $-\text{COO}-\text{R}^7$ of which $-\text{R}^7$ is a hydrogen atom or an alkyl group,

$-\text{A}-$ is $-\text{O}-$ or $-\text{COO}-$,

$-\text{R}^5$ is a hydrogen atom, an alkyl group of a straight chain or a branch chain having 1 to 18 carbon atoms, an alkenyl group of a straight chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have substitutional groups, an aralkyl group being to have substitutional groups, a sulfonamide group, a mesyl group, a hydroxyl group, an alkoxyl group having 1 to 18 carbon atoms, a carboxyl group or a sulfone group,

$-\text{R}^6$ is a hydrogen atom, an alkyl group of a straight chain or a branch chain having 1 to 18 carbon atoms, an alkenyl group of a straight chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have substitutional groups, an aralkyl group being to have substitutional groups or an alkoxyl group having 1 to 18 carbon atoms,

p ranges from 1 to 2,

$(\text{M})_q$ wherein M is metals selected from a bivalent, trivalent or tetravalent metallic element, and a metalloid of boron or silicon, q ranges from 1 to 4,

$-(\text{O}-\text{R}^8)_r$, wherein $-\text{R}^8$ is an alkyl group having 1 to 8 carbon atoms or an aryl group, r ranges from 0 to 3,

s ranges from 1 to 6,

t ranges from 0 to 2,

u ranges from 0 to 2,

(B)^{v+} is univalent or bivalent cation,

(B)^{v-} is univalent or bivalent anion.

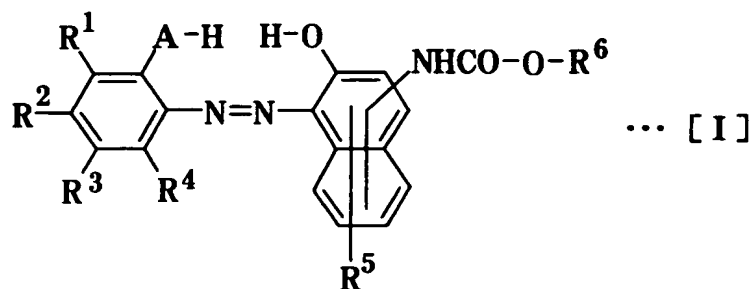
5 3. The charge control agent according to claim 2, wherein said monoazo metals-compound is represented by said formula [II] whose M is the metallic element of either Fe, Zn, Sr, Ca, Mg, Cr, Al, Ni, Co, Mn, Ti, Zr or Sn.

10 4. The charge control agent according to claim 2, wherein said monoazo metals-compound is represented by said formula [II] whose q is 1 and s is 2.

15 5. The charge control agent according to claim 1, wherein said monoazo compound which is contaminated in said monoazo metals-compound, is 1% at most.

20 6. The charge control agent according to claim 1, wherein said monoazo metals-compound has an average particle size ranging from 0.1 to 7 microns.

7. A toner for developing an electrostatic image comprising:
a charge control agent including a monoazo compound represented by the following formula [I]



in the formula [I], R¹-, R²-, R³- and R⁴- are same or different to each other, and one thereof is selected from the groups consisting of a hydrogen atom, an alkyl group of a straight chain or a branch chain having 1 to 18 carbon atoms, an alkenyl group of a straight chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have substitutional groups, a sulfonamide group being to substitute alkyl groups, a mesyl group, a hydroxyl group, an alkoxyl group having 1 to 18 carbon atoms, an acetylamino group, a benzoylamino group, a halogen atom, a nitro group and -COO-R⁷ of which -R⁷ is a hydrogen atom or an alkyl group,

-A- is -O- or -COO-,

-R⁵ is a hydrogen atom, an alkyl group of a straight chain or a branch chain having 1 to 18 carbon atoms, an alkenyl group of a straight chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have substitutional groups, an aralkyl group which being to have substitutional groups, a sulfonamide group, a mesyl group, a hydroxyl group, an alkoxyl group having 1 to 18 carbon atoms, a carboxyl group or a sulfone group,

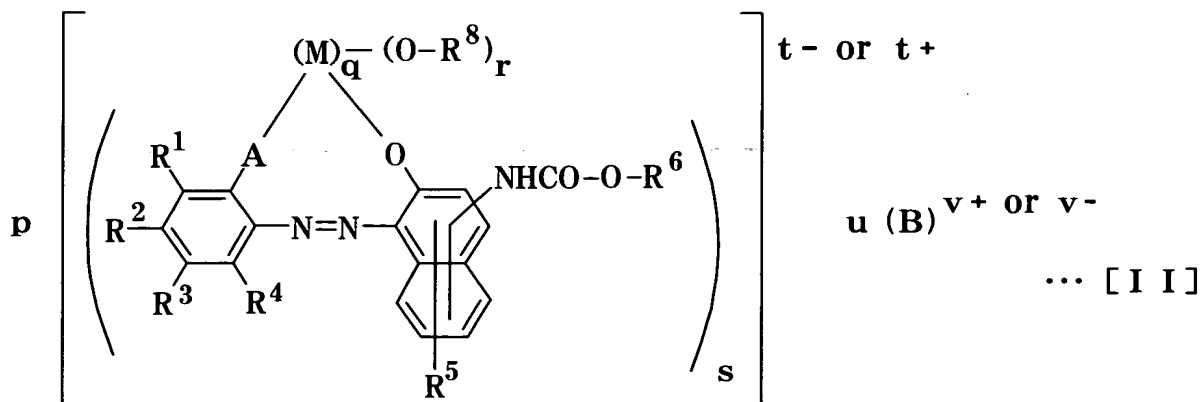
-R⁶ is a hydrogen atom, an alkyl group of a straight chain or a branch chain having 1 to 18 carbon atoms, an alkenyl group of a straight

chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have substitutional groups, an aralkyl group being to have substitutional groups or an alkoxyl group having 1 to 18 carbon atoms,

- and metals of a metallic element or a metalloid coordinating to the
 5 monoazo compound;
 a resin for the toner;
 and a colorant.

8. The toner according to claim 7, wherein said resin is at least one
 10 selected from styrene-acryl resin, styrene-maleic acid resin, styrene-(meth)acrylate copolymer and a polyester resin, having an acid value of 5 to 50 mgKOH/g thereof.

9. A toner for developing an electrostatic image comprising:
 15 a charge control agent including a monoazo metals-compound represented by the following formula [II]



in the formula [II], R¹-, R²-, R³- and R⁴- are same or different to each

other, and one thereof is selected from the groups consisting of a hydrogen atom, an alkyl group of a straight chain or a branch chain having 1 to 18 carbon atoms, an alkenyl group of a straight chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have
 5 substitutional groups, a sulfonamide group being to substitute alkyl groups, a mesyl group, a hydroxyl group, an alkoxyl group having 1 to 18 carbon atoms, an acetylamino group, a benzoylamino group, a halogen atom, a nitro group and -COO-R^7 of which -R^7 is a hydrogen atom or an alkyl group,

10 -A- is -O- or -COO- ,

-R^5 is a hydrogen atom, an alkyl group of a straight chain or a branch chain having 1 to 18 carbon atoms, an alkenyl group of a straight chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have substitutional groups, an aralkyl group being to have
 15 substitutional groups, a sulfonamide group, a mesyl group, a hydroxyl group, an alkoxyl group having 1 to 18 carbon atoms, a carboxyl group or a sulfone group,

-R^6 is a hydrogen atom, an alkyl group of a straight chain or a branch chain having 1 to 18 carbon atoms, an alkenyl group of a straight
 20 chain or a branch chain having 2 to 18 carbon atoms, an aryl group being to have substitutional groups, an aralkyl group being to have substitutional groups or an alkoxyl group having 1 to 18 carbon atoms,

p ranges from 1 to 2,

$(\text{M})_q$ wherein M is metals selected from a bivalent, trivalent or
 25 tetravalent metallic element, and a metalloid of boron or silicon, q ranges from 1 to 4,

$-(O-R^8)_r$, wherein $-R^8$ is an alkyl group having 1 to 8 carbon atoms or an aryl group, r ranges from 0 to 3,

s ranges from 1 to 6,

t ranges from 0 to 2,

5 u ranges from 0 to 2,

$(B)^{v+}$ is univalent or bivalent cation,

$(B)^{v-}$ is univalent or bivalent anion;

a resin for the toner;

and a colorant.

10

10. The toner according to claim 9, wherein said resin is at least one selected from styrene-acryl resin, styrene-maleic acid resin, styrene-(meth)acrylate copolymer and a polyester resin, having an acid value of 5 to 50 mgKOH/g thereof.

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